

MD iMAP Technical Committee Meeting Minutes

Place: Department of the Environment (MDE): Terra Room (Baltimore, MD)
Date: 03/01/2016
Time: 1:00PM – 3:00 PM
Attendees: Jessie Cahoon (MES), Kevin Coyne (DNR), Bill Fearington (DHR), Julia Fischer (DoIT), Lauri Goudy (SHA), Jeyan Jebaraj (DoIT), Lisa Lowe (DoIT), Kate Majchrzak (MDE), Gary Maragos (MDP), Matt Sokol (DoIT), Frank Siano (MDE), Marshall Stevenson (SHA/WBCM) and Mussie Tewolde (DJS)
Phone Attendees: Stephanie Martins (MDP), Melissa Oguamanam (MDP), Marc Weinshenker (City of Rockville) and Brad Wolters (DHCD)

AGENDA:

- Introductions 1:00 – 1:10
- Emergency Management Collector App Collaboration Demo – *Will Melville* 1:10 – 1:30
- Esri FedUC Debrief 1:30 – 1:50
- Maryland Enterprise Software Update – *Barney Krucoff* 1:50 – 2:05
- TUGIS 2016 Conference – Preview and Preparation 2:05 – 2:15
- MD iMAP 2.0 Update – *Matt Sokol* 2:15 – 2:30
- Subcommittee Updates 2:30 – 2:50
- Additional Business 2:50 – 3:00

Introductions

Round-the-room

Emergency Management Collector App Collaboration Demo – *Will Melville*

- The Collector App was built for performing damage assessments
- The trick is making it simple for staff from various agencies to perform assessments
- The system was created to get Individual Assistance Damage Assessments and to prove where damage occurred
- The effort to create the App started with an Maryland Geo Share Online Web Map
- Some off-line services do not work if they cannot be cached
- The next step is to create an editable and shared feature layer and add it to the shared map
- To upload pictures or videos enabling attachments for the feature layer is necessary
- The final step is to make any edits to your template to add any necessary tools (measure, query, etc.) and to add any necessary data layers (parcels, assessment team zones, etc.)
- A demo was performed using an iPad
- MEMA created a field guide that has many tips for using the Damage Assessment Collector App
- It was noted scale dependency is different for a Web App and a Collector App

- There was a brief discussion about a request at the ESRI Federal User Conference to merge Survey 123 and Collector. Barney asked Matt to check with Google to see if Google forms can use a map widget

For More Information: <https://www.youtube.com/watch?v=5w80NYnmYHU&authuser=0>

Esri FedUC Debrief

Comments from Matt Sokol

- “Baseball card” display of information – Insights
- Vector tiles
- Moving to web GIS, distributed system and portals
- Gather systems and consume through single location
- Presentation on publishing effective map services
 - How they are put together in ArcMap for performance
 - How capabilities (Feature Service, WFS, WMS) to make MD iMAP service available and open beyond REST endpoint
 - Pushed to data.gov, GIS Inventory, etc.
 - Getting more exposure and visibility for the program

Comments from Jessie Cahoon

- Esri Arc2Earth, new features
- Presented on Web AppBuilder and how we will implement it

Comments from Barney Krucoff

- ArcGIS Pro, concurrent licensing, will replace Desktop has been confirmed
- “Insights”, similar to Socrata “Data Lense”
 - We have this capability through Socrata
- Thoughts on Pro
 - Check out features, why do people want to use it, because it is the newest thing or is there more?
 - Contracting officer, as-is, would not support it, can now do back and seek permissions to access
 - For non –traditional web map user primarily, Desktop users would go back to Desktop
 - Long-term transition plan with training involved needs to be considered
 - Pro faster because of 64 bit, parallel processing is possible, efficiency, visualization (3D) and publishing 3D scenes, imagery analysis for object-oriented perspective
- JavaScript API 4.0
 - Moved from 3.15, to version 3.16 to version 4.0
 - Architecture is largely different than previous versions
 - Work will need to be done to upgrade JavaScript apps to use the new architecture
- The 3-month extension for the ESRI ELA was pulled from last week’s (2/24/2016) BPW agenda to make some suggested text changes
- The extension will be on the 3/9/2016 BPW agenda

TUgis 2016 Conference – Preview and Preparation – Barney Krucoff

- Barney will be given 10 minutes to present MD iMAP accomplishments in the past year

- Marshall Stevenson will also have 10 minutes to discuss MSGIC accomplishments
- David Alvarez will be conducting a LiDAR workshop at the conference

MD iMAP 2.0 Update – Matt Sokol

- The batch geocoder is ready
- Version 10.4 License Manager will be available for Desktop to fix some vulnerabilities of the current License Manager
- Many App Data services (<http://geodata.md.gov/appdata/rest/services/>) are being pulled over to the public MD iMAP side (<http://geodata.md.gov/imap/rest/services/>) and will be made feature services
- More imagery is being placed into Dropbox (<http://imap.maryland.gov/Pages/imagery-download-files.aspx>)
- The Baltimore County 2015 DEM is posted
- Working on a LiDAR point cloud extraction tool
- State facilities data will be available soon

Subcommittee Updates

GIS Training Contract – Marshall Stevenson and Lisa Lowe

- GIS training classes are booked through April
- They are attempting to find a facility for a Western Maryland class
- Renamed the first course to “*Thinking Spatially*” to get more interest in signing up for the class and hopefully reach a wider audience
- The online version of the training class should be available before TUGIS 2016

Imagery Acquisition – Lisa Lowe

- The 2016 Eastern Shore and Howard County high resolution (6”) imagery collection has started
- Eastern 3” collection is complete
- Chesapeake Bay is complete
- 32% of the main project area is complete

Centerlines Update – Marshall Stevenson

- The One Maryland One Centerline (OMOC) Program is underway
- Recommendations will be complete in a couple weeks
- They are slightly behind schedule
- Marshall will present OMOC at TUGIS 2016

Composite Locator Update – Jeyan Jebaraj

- Will be fixing versioning problems
- More of an update will be available at the next MD iMAP Technical Committee meeting

Application Subcommittee Updates

Web App Builder Update – Jessie Cahoon

- Brad Wolters has created one Web App
- Kate Majchrzak is working on several Web Apps
- Web App Builder will be using the new version 4.0 ArcGIS JavaScript API

Outreach Subcommittee Updates

MD iMAP Portal Update – *Julia Fischer*

- Below is a table of updates that were completed in February

URL		UPDATE DESCRIPTION
http://imap.maryland.gov/Pages/map-gallery.aspx		Add MDOT Roadway Maintenance App
http://imap.maryland.gov/Pages/transportation.aspx		Add MDOT Roadway Maintenance App
http://imap.maryland.gov/Pages/technical-committee-meetings.aspx		Change to 2015 agendas and minutes
http://imap.maryland.gov/Pages/technical-committee-meetings-2014.aspx		Create new page and move content from http://imap.maryland.gov/Pages/technical-committee-meetings.aspx page
http://imap.maryland.gov/Pages/imagery-download-files.aspx		Add NAIP - Statewide 2011 to chart
http://imap.maryland.gov/Pages/lidar-dem-download-files.aspx		Update Baltimore County Dropbox URL
http://imap.maryland.gov/Pages/training-course-details.aspx	Update Registration Information to Email Lisa Lowe Only, Remove Referencing to Registration on THE HUB; Also Update Flyer For Download	
http://imap.maryland.gov/Pages/imagery.aspx		Link for NAIP broken
http://imap.maryland.gov/Pages/imagery-products.aspx	Update link to 2013 NAIP imagery and Add 2015 and link	
http://imap.maryland.gov/Pages/training.aspx		Add Luis Luna Testimonial

Additional Business

ESRI 3-month ELA Extension at the Next BPW Meeting – *Barney Krucoff*

- Barney would like more State agency representative to be at the 3/9/2016 BPW meeting to make the BPW members aware of the value of the software for analyzing and visualizing data
- He would like the highest level staff available that could explain the use of GIS

Maryland Business Data – *Brad Wolters*

- Maryland Business Data is available via the Maryland Organization ArcGIS Online for January 2015. The data is part of the ELA emergency contract with Esri
- The data does not contain business addresses, though it provides a generalized latitude/longitude location
- The data can be shared through a Web Map, though it cannot be distributed or made available for download

Next MD iMAP Technical Committee Meeting: April 5, 2016